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Canadian Patent Document: 2111229

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(72) Dent, Paul W., US

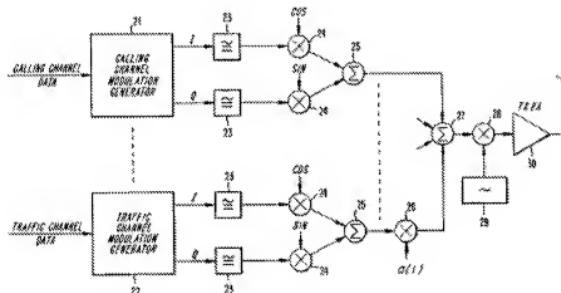
(75) Ericsson GE Mobile Communications Inc., US

(51) Int. Cl. 5 H04J 13/00, H04B 7/26

(35) 1992/04/13 (868,335) US

(56) CANAL D'APPEL DE SYSTEME DE COMMUNICATION AMDC

(54) CALLING CHANNEL IN A CDMA COMMUNICATIONS
SYSTEM



(57) A Code Division Multiple Access (CDMA) communication system which contains a calling channel which is used to inform silent mobiles that they are being called. In the system, the calling channel is chosen to be the strongest overlapping signal so that it reaches mobiles which are located on the cells extreme boundaries. The interference other signals experience because they overlap with the calling channel may be avoided by having the mobiles first demodulate the calling channel signal and then subtract it out before demodulating their own signal.

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